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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

ACC NR: AP7000142 SOURCE CODE: UR/0046/66/012/004/0405/0410

AUTHORS: Blagoy, Yu. P.; Butko, A. Ye.; Mikhaylenko, S. A.; Yakuba, V. V.

ORG: Physicotechnical Institute for Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskiy institut nizkikh temperatur AN UkrSSR)

TITLE: Velocity of sound in liquid nitrogen, oxygen, and argon at temperatures higher than the normal boiling temperatures

SOURCE: Akusticheskiy zhurnal, v. 12, no. 4, 1966, 405-410

TOPIC TAGS: sound propagation, oxygen, nitrogen, argon, specific heat

ABSTRACT: The velocity of sound in liquid nitrogen, oxygen, and argon in the temperature region of 77—87K and 112—120K was determined. The investigation supplements the results of I. S. Radovskiy (Eksperimental'noye issledovaniye skorosti ul'trazvuka na linii nasyshcheniya v argone. Zh. prikl. mekh. i tekhn. fiz., 1963, 3, 159. Issledovaniya skorosti zvuka v zhidkom i gazoobraznom argone. Zh. prikl. mekh. i tekh. fiz., 1964, 3, 172). The experimental technique is described by A. Ye. Butko, S. A. Mikhaylenko, and V. V. Yakuba (Ul'trazvukovoy interferometr dlya nizkotemperaturnykh zhidkostey. Sb. Voprosy metodiki ul'trazvukovoy interferometrii. Tr. Vses. konferentsii po metodike ul'trazvukovoy interferometrii. Kaunas, Izd-vo Mintis, 1966). A schematic of the experimental installation is presented. From the

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experimental results, values for the adiabatic and isothermal compressibility and specific heats at constant pressure and constant volume, respectively, were derived. The experimental results are tabulated. It was found that these results were in good agreement with data reported in the literature. Orig. art. has: 4 tables, 1 graph, and 6 equations.

SUB CODE: 20/ SUBM DATE: 26Apr65/ ORIG REF: 006/ OTH REF: 012

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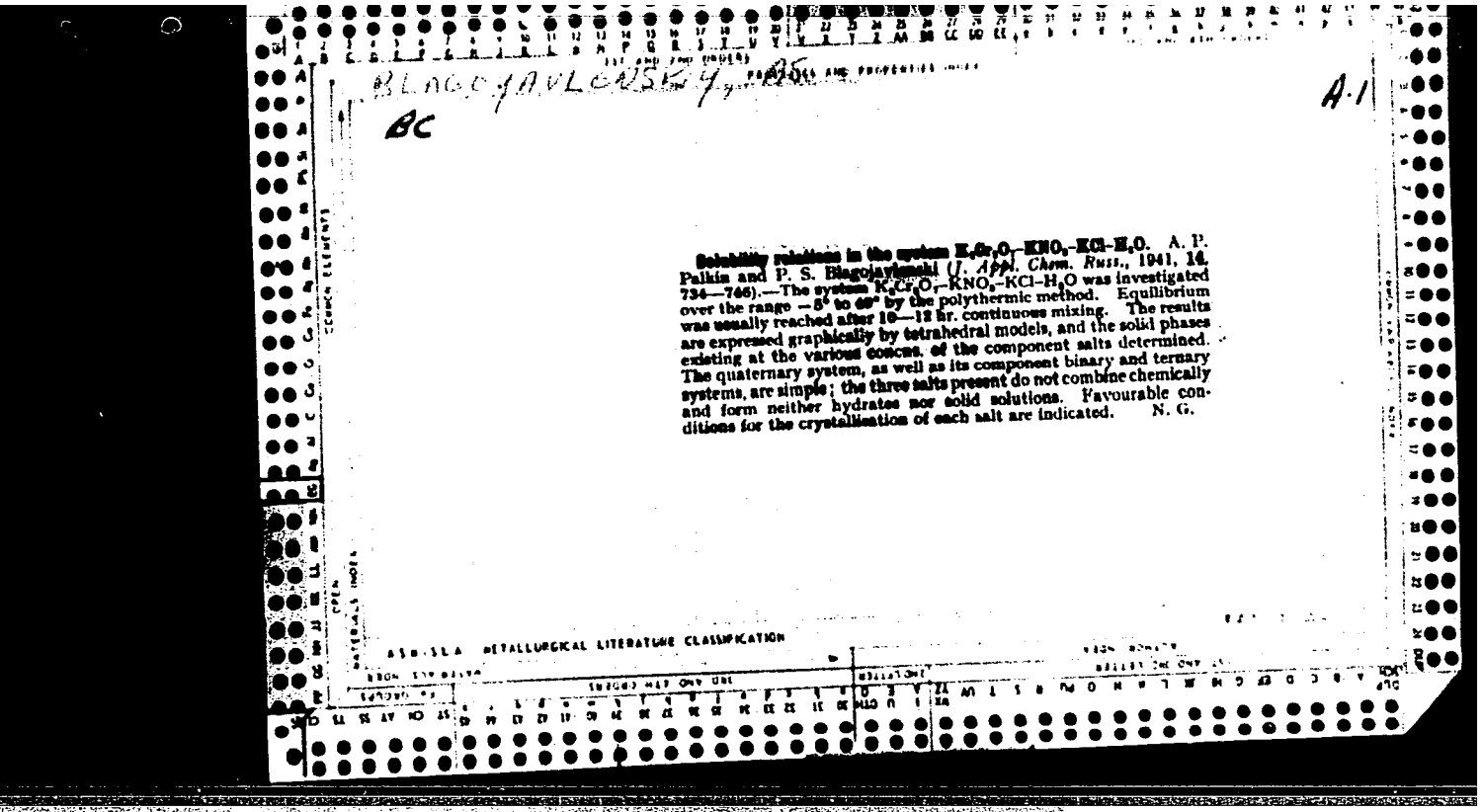

BLAGOJAVLENSKY, A. P.

BC

A-1

Solubility relations in the system $K_2Cr_2O_7$–KNO_3–KCl–H_2O. A. P. Palkin and P. S. Blagojavlenski (*J. Appl. Chem. Russ.*, 1941, **14**, 734—746).—The system $K_2Cr_2O_7$–KNO_3–KCl–H_2O was investigated over the range −5° to 60° by the polythermic method. Equilibrium was usually reached after 10—12 hr. continuous mixing. The results are expressed graphically by tetrahedral models, and the solid phases existing at the various concns. of the component salts determined. The quaternary system, as well as its component binary and ternary systems, are simple; the three salts present do not combine chemically and form neither hydrates nor solid solutions. Favourable conditions for the crystallisation of each salt are indicated. N. G.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAGOYEVICH, B

AUTHOR: Blagoyevich, B., Engineer (Yugoslavia) 99-58-3-10/12

TITLE: Irrigation in Metokhiya (Orosheniya v Metokhii) From the "International Commission on Irrigation and Drainage Annual Bulletin 1956", article by Engineer B. Blagoyevich, Yugoslavia (Iz yezhegodnika "International Commission on Irrigation and Drainage Annual Bulletin 1956" stat'ya inzh. B.Blagoyevicha, Yugoslaviya)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, # 3, pp 49-50 (USSR)

ABSTRACT: This is a translation from English of an article published in "International Commission on Irrigation and Drainage Annual Bulletin 1956" (Translator S.R. Offengenden)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAGUL'KINA, V.A.; ROVSHA, V.S.; SARSADSKIKH, N.N.

Mineralogy of kimberlite binder. Zap.Vses.min.ob-va 92 no.2:236-241 '62. (MIRA 15:6)

1. TSentral'naya ekspeditsiya Vsesoyuznogo nauchno-issledovatel'skogo geologicheskogo instituta, Leningrad.
(Kimberlite) (Olivine)

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ARTSYBASHEVA, T.F.; BLAGUL'KINA, V.A.; ROVSHA, V.S.; SARSADSKIKH, N.N.

Classification of kimberlites in Yakutia based on the kimberlites of the Alakit-Daldyn diamond-bearing region. Sov. geol. 6 no.1:70-81 Ja '63. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Yakutia—Kimberlite)
(Yakutia—Diamonds)

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1. BLAGUSHIN I.I., SHCHERBAKOV I.A.

2. USSR (600)

4. Silkworms

7. Separating silkworms moths be sex with the aid of a separator device., Dost. sel'khoz. no.12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

SALUKHOV, V.M.; BLAGUSHIN, P.D.

She helped the lagging communication enterprise twice. Vest. [redacted]zi 21 no.10:28 O '61. (MIRA 14:10)

1. Nachal'nik Ivanovskoy pochtovo-telegrafnoy kontory (for Salukhov).
(Telecommunication--Employees)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAGUSHKO, T.F., insh.; BLAGUSHKOV Yu.T., insh.

Defrosting of soil. Izobr. i rats. 3 no.5:15-16 My '58. (MIRA 11:9)

(Frozen ground)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAGUSHKO, T.F., inzh.; BLAGUSHKOV Yu.T., inzh.

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(Frozen ground)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, A.

Some problems from the theory of vacuum techniques, p. 125. (Strojnoelektrotechnicky Casopis. Bratislava. Vol. 4, No. 2, 1953)

SO: Monthly list of East European Accessions, (EEAL), LC. Vol 4, No. 6, June 1955, Uncl)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, A.

Ludovit Kneppo's Striedave prudy (Alternating Current); a book review. p. 189.

STROJNICKY CASOPIS. (Slovenska akademia vied) Bratislava, Czechoslovakia.
Vol. 6, no. 3, 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, A.

BLAHA, A. Answering contributions to a discussion of Blaha's article on the division of a vacuum. p. 577.

Vol. 17, No. 10, Oct. 1956.
SLABOPROUDY OBZOR.
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

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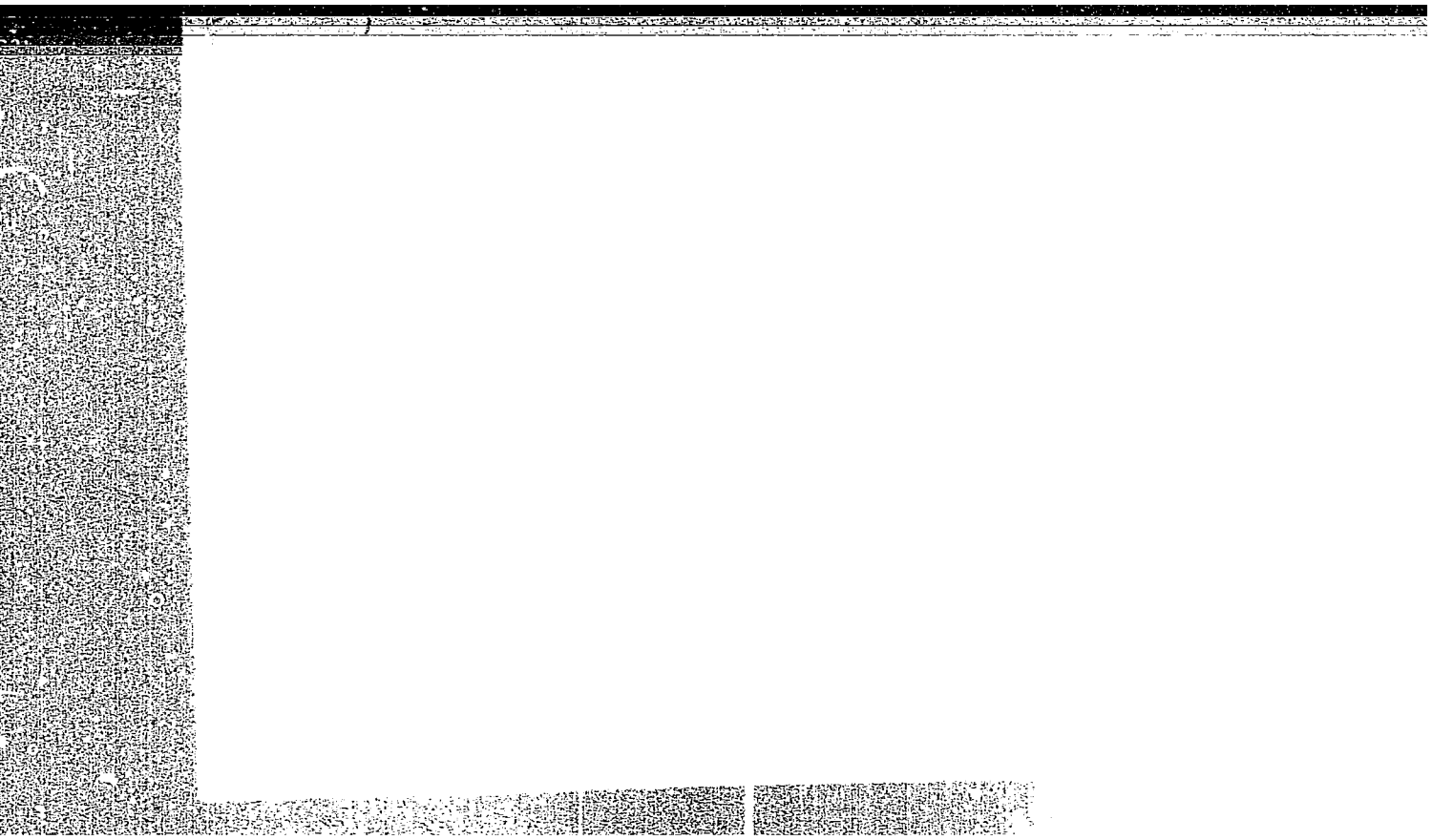

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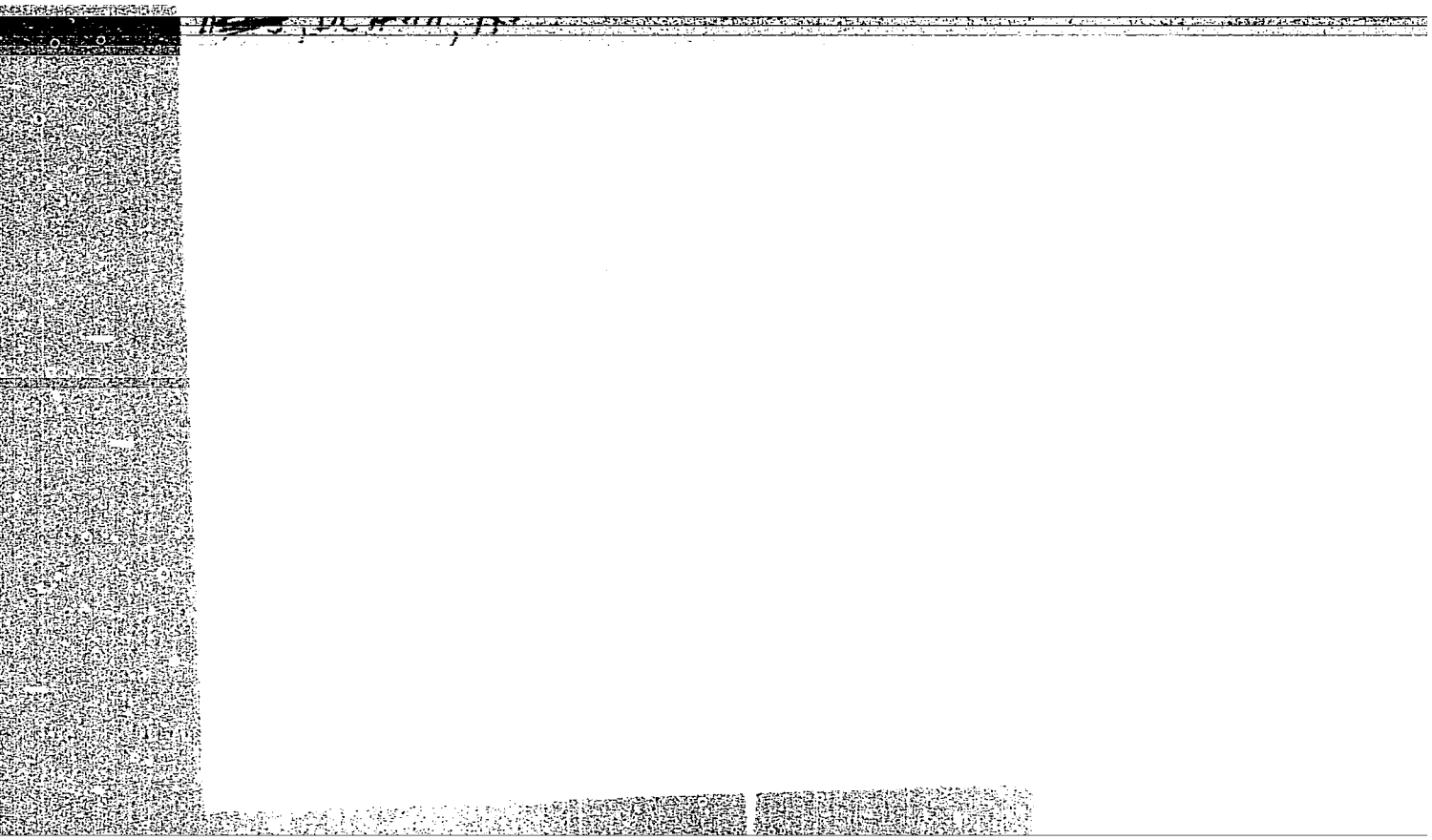

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CZECHOSLOVAKIA/Electronics - Vacuum Technique H-9

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18508

Author : Blaha Ales
Inst : Slovenska nysoka skole technicka, Bratislava, Czechoslovakia
Title : New Construction of the McLeod Vacuum Meter

Orig Pub : Slaboproudy obzor, 1957, 18, No 9, 629-631

Abstract : The following improvements are proposed for the McLeod vacuum meter: the principal vessel of the instrument is of the form of a cylinder. A portion of the reservoir with the mercury is connected with the vacuum meter by means of a polished joint and can be readily removed to determine the mercury level. The two capillaries, both the measuring one and the comparison one, can be removed and replaced. The comparison capillary is eccentrically mounted in the drive of the vacuum meter. The capillaries and the control valve are covered in cylindrical housings, connected with the remaining (cylindrical) protions of the instrument, so that they form an integral unit. The lower limit of the vacuum measured with this apparatus is 10^{-8} mm mercury.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, A.

Today's ideas on the construction of the nucleus and on nuclear reactions. p. 431. (ELEKTROTECHNICKY OBZOR, Vol. 46, No. 8, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Ales

Development of nuclear power in France. Jaderna energie 4 no.7:184-191 Jl '58.

1. Slovenska vysoka skola technicka, Bratislava.

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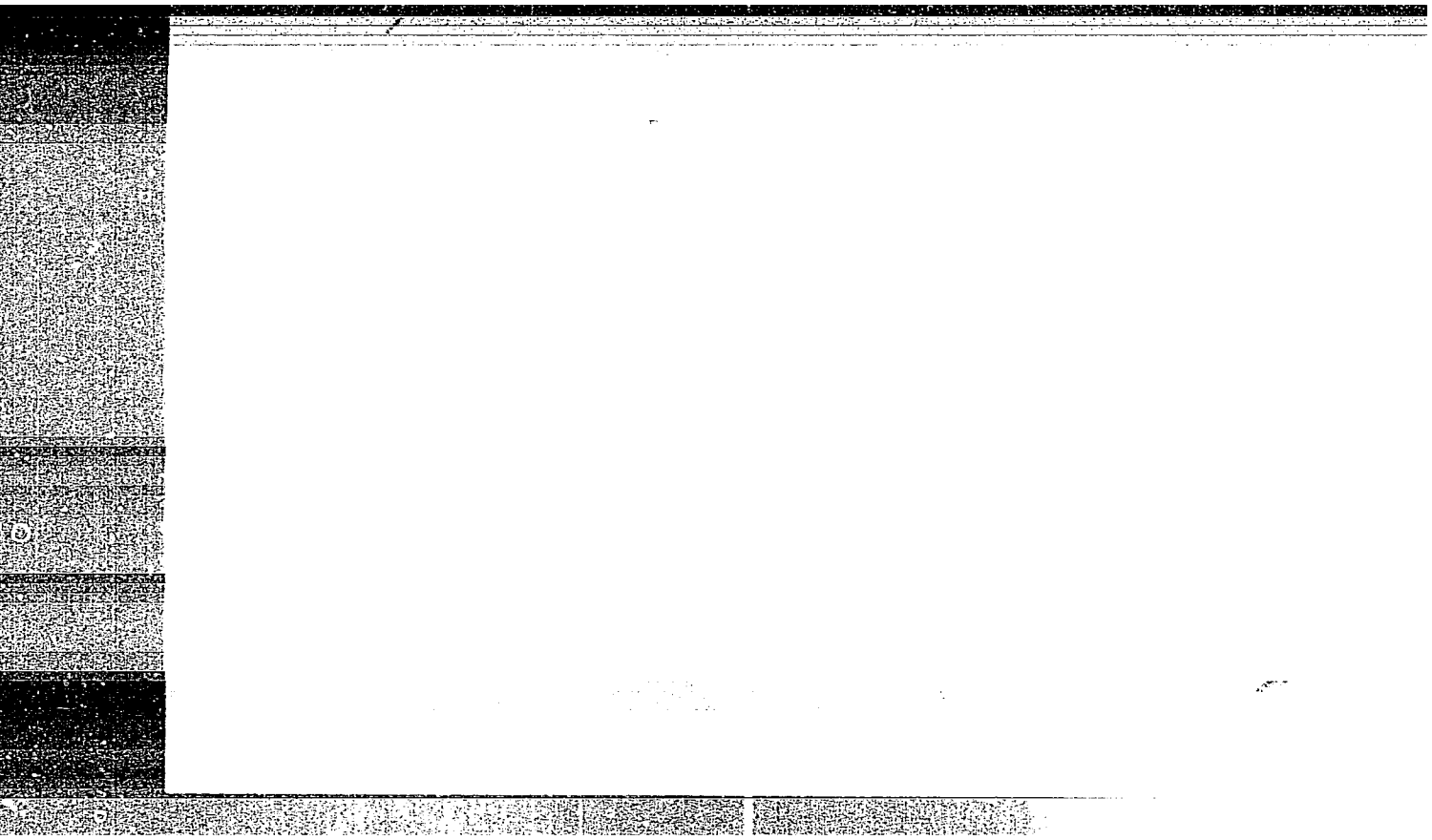

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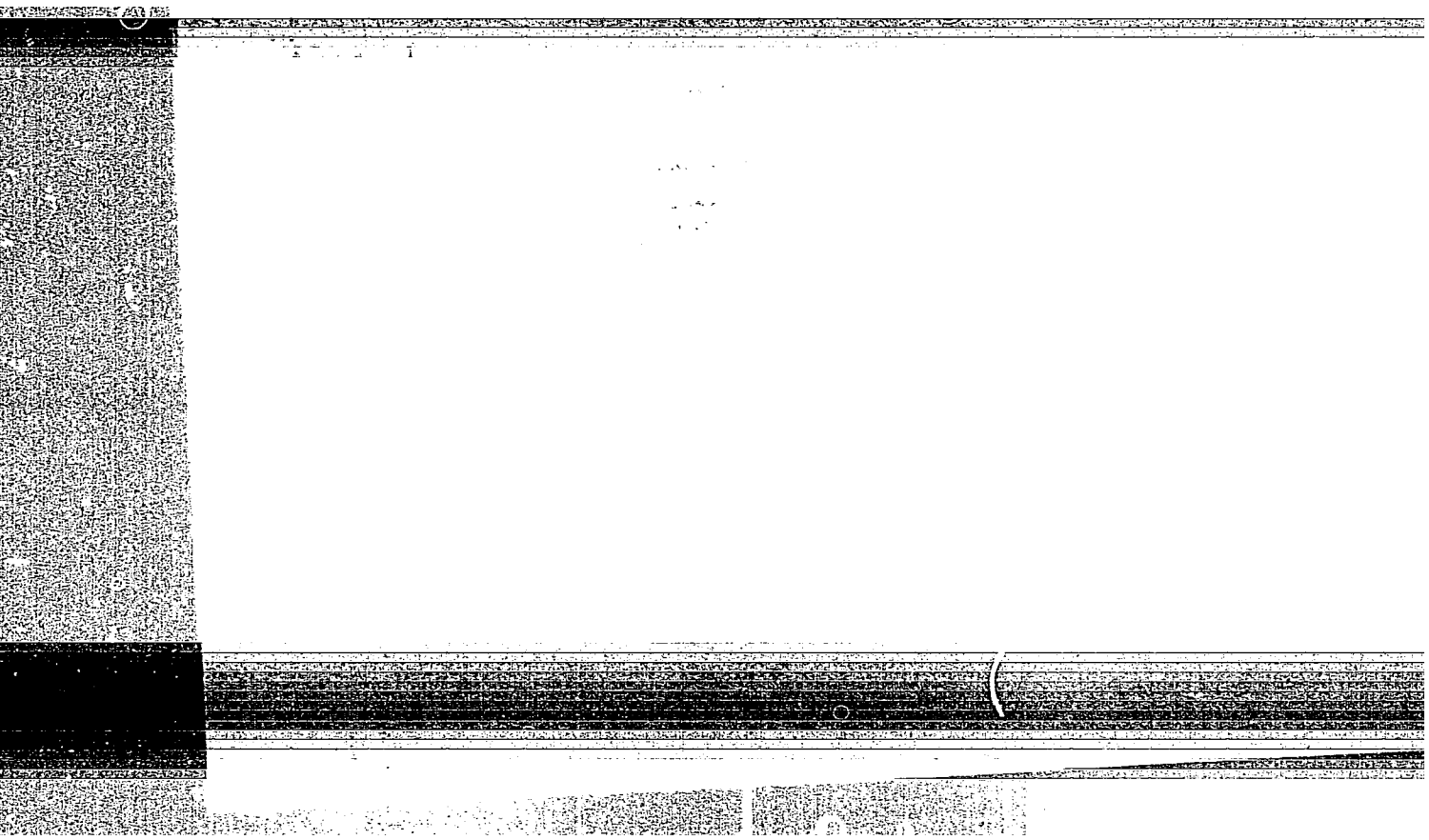

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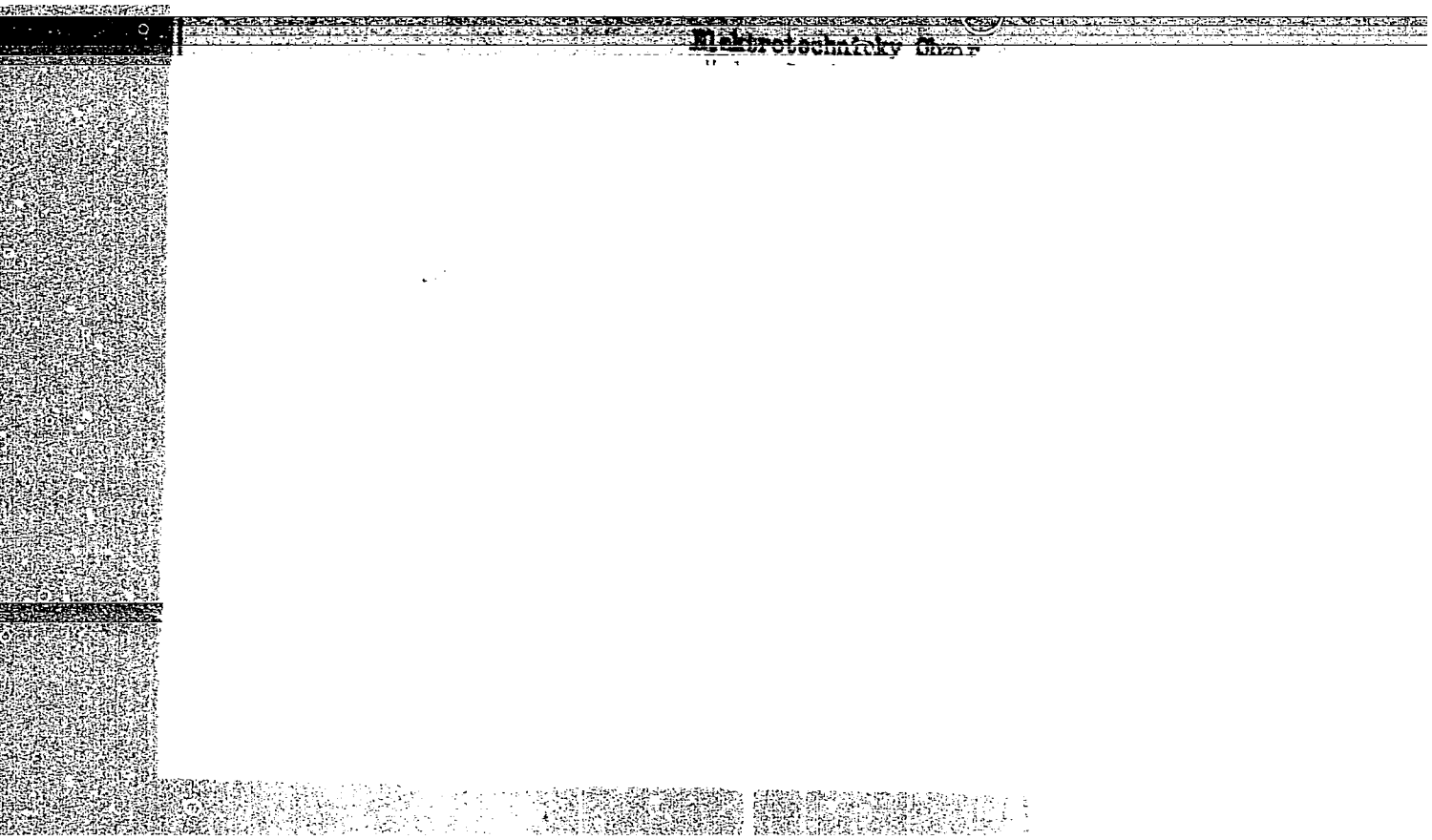

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CZECHOSLOVAKIA/Electronics - Vacuum Technique. H

Abs Jour : Ref Zhur Fizika, No 1, 1960, 1583

measuring filament (in the case of a thermal vacuum meter) and the anode voltage (in the case of the ionization manometer) it is possible to insure operation of both types of vacuum meters within limits of six orders of pressure magnitude.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, A.

CZECHOSLOVAKIA/Electronics - Vacuum Technique. H

Abs Jour : Ref Zhur Fizika, No 1, 1960, 1585

Author : Blaha, Ales
Inst :
Title : Selective Measurement of Vacuum With the Aid of Several Vacuum Meters

Orig Pub : Slaboproudy obzor, 1959, 20, No 5, 319-320

Abstract : The author justifies theoretically the possibility of selective measurements of vacuum in the case when the measured volume contains several known gases, namely: with the aid of several thermal and viscosity vacuum meters. The increased selectivity of the process of measurement is due to the existence of a coefficient of accomodation in both types of these vacuum meters.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, A.

"Selective measurement of vacuum by means of several vacuum gauges."
P. 319.

SLABOPROUDY OBZOR. (Ministerstvo presneho strojirenstvi, Ministerstvo spoju a Vedecka technicka spolecnost pro elektrotechniku pri CSAV). Praha, Czechoslovakia, Vol. 20, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

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PHASE I BOOK EXPLOITATION SLOVAK/4868

Bláha, Aleš, Professor, Engineer, Doctor

Vákuové merania (Vacuum Measurements) Bratislava, SVTL, 1960. 375 p. 1,000 copies printed.

Reviewer: Peter Hix, Engineer, Winner of State Prize; Ed.: Bedrich Formánek, Engineer; Resp. Eds.: Pavol Holéczy, Engineer, and Bedrich Formánek, Engineer; Tech. Ed.: Leodegar Horváth.

PURPOSE: This book is intended for students at schools of higher education, and for technical and scientific personnel working with vacuum [measurement] equipment.

COVERAGE: The author discusses the theory and methods of vacuum measurement, technique and equipment used, and the design of vacuum gages of all types. An evaluation of the merits and advantages of these gages is included. The author also deals with selective manometers (sorption devices, spectrometers, etc.), measurement of temperature in vacuum, and the detection of defects in vacuum equipment. The first few chapters

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contain relations and formulas for vacuum-measurement technique drawn from the author's experience while lecturing at the Slovenská vysoká škola technická (Slovak Higher Technical School) in Bratislava. In the author's opinion there are some vacuum gages in current use which will be of great importance in the future. These are described in detail. The lack of continuity in the numbering of the sections is owing to the author's desire to leave spaces for special sections which are to be written later. The "cgs" electrostatic and electromagnetic systems of physical units have been used throughout the book. The following personalities are mentioned: P. Hix, Engineer, Winner of State Prize; A. Rozsypal, Professor, Engineer, Slovak Higher Technical School, Bratislava; and B. Formánek, Engineer, Slovenské vydavatel' stvo technickej literatúry (Slovak Publishing House of Technical Literature.) References appear in the form of footnotes.

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2. Measurement of a vacuum 13
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AUTHOR: Bláha, Aleš

TITLE: The Use of Vacuum Meters for Leak Detection in Industrial Equipment and Nuclear Power Stations 19

PERIODICAL: Jaderná energie, 1960, 6, No. 9, pp. 289 - 293

TEXT: In search for an instrument usable as leak detector that would incorporate sufficient sensitivity, simplicity and responsiveness to reactor gas coolant (CO_2), the author attempts to prove that thermal and ionization vacuum meters can well meet these requirements. He derives relations for the calculation of the theoretical and practical minimum leaks that can be detected by a vaquum meter and suggests some modifications of the variables in these relations (e.g., volume of the tube connecting the pickup with the meter; shape of the pickup head; reduction of evacuation speed; elimination of the influence of surrounding medium) by which the sensitivity of the meter could be improved. The results of the theoretical analyses were confirmed experimentally, using glass tubes into which typical leaks of the order 10^{-2}, 10^{-1} and 1 $\mu l \cdot sec^{-1}$ were cut. (Similar tubes were also used by Professors Kuncl and Slavik in testing valve

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The Use of Vacuum Meters for Leak Detection in Industrial Equipment and Nuclear Power Stations

leaks). One end of the tube was sealed, the other was connected to a steel bottle with pressurized gas. The tube was immersed in water and the quantity of the leaking gas was roughly determined by size and number of bubbles escaping from the leak. Subsequently, the same leak was "detected" by a vacuum meter, whose pickup tube was fitted with a rubber head. The measurements confirmed the results arrived at by theoretical analyses. These analyses yielded the following values of leakage that are detectable by a vacuum meter: 1) Minimum theoretical leakage: $10^{-3} - 10^{-6}$ μl · sec^{-1}. 2) Static (practical) minimum leakage: $10^{-2} - 10^{-5}$ μl · sec^{-1}. 3) Minimum dynamic leakage (with evacuation going on): $10^{-1} - 10^{-4}$ μl · sec^{-1}. 4) Mean average leakage: $10^{-2} - 10^{-1}$ μl · sec^{-1}. These values compare favorably with other leak detectors, considering that the helium mass spectrometer method has a practical leak-detection capability of the order $10^{-6} - 10^{-7}$ μl · sec^{-1} (at an evacuation speed of 11 · sec^{-1}); the halogen method 10^{-2} μl · sec^{-1} (a value arrived at by Engineer Vondra in his dissertation); the infra-analyzer method 3 · 10^{-1} μl · sec^{-1} (according to the dissertation of Engineer Prna); and the chemical method using phenolphthalein about 500 μl · sec^{-1} (according to the dissertation by Engineer Toth, which will be presented

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The Use of Vacuum Meters for Leak Detection in Industrial Equipment and Nuclear Power Stations

in a later issue) and which, according to the dissertation by Engineer Hošek of the Výzkumný ústav energetických zariadeni (Power Equipment Research Institute), can be improved to 40 $\mu l \cdot sec^{-1}$. The suitability of vacuum meters as leak detectors in nuclear power stations using pressurized CO_2 as reactor coolant can be seen from the following consideration: Assuming that 200 kg of CO_2 leak out daily from the coolant loop operating at 50 atm pressure; and assuming that within the entire loop there are 10^4 leaks; then the CO_2 leakage through one leak is 10^2 $\mu l \cdot sec^{-1}$. This value is well within the sensitivity range of vacuum meters as stated above. The sensitivity of vacuum meters could further be improved by reducing the working volume of the meter. There are 8 figures. (Editor: M. Drahný)

ASSOCIATION: Slovenská vysoká škola technická (Slovak Technical College)

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AUTHOR: Bláha, Aleš, Professor, Doctor of Engineering

TITLE: Ionic rockets

PERIODICAL: Electrotechnický obzor, v. 50, no. 7, 1961, 358-363

TEXT: The article describes ionic rockets, their construction and components. In an ionic rocket motor a cloud of ions of single polarity is formed. This cloud is accelerated by means of an electric field, the reactive force is used to drive the rocket. One essential difference between chemical rockets and ionic rockets lies in their efficiencies. The "internal efficiency" is the part of the potential energy that is converted to kinetic energy and can be used for propulsion, regardless of rocket speed. [Abstracter's note: The factors here are incomplete combustion, imperfect nozzles, and losses arising from vibration, and rotation that do not contribute to propulsion]. The "external efficiency" is the effect of the energy transfer to the rocket; this depends on the rocket speed. The greatest efficiency will be given if the gas speed is comparable

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Ionic rockets

to the rocket speed. In the ionic motor it is possible to control the gas speed within a very wide range up to the speed of light; in chemical rockets the limits are about 2.5 to 4 km/sec. The main characteristics of ionic motors are then given. It is essential that the ion flow be balanced by a flow of opposite polarity. It is also important to prevent the expansion of the ion cloud under the influence of internal pressure (compensation). Disregarding these two conditions, the following relations apply:

$P = UI = 4.9 \cdot 10^6$ mau (W, t, km/sec) (1)

$I = 9.6 \cdot 10^4\ m/M_A$ (A, g/sec, mol) (2)

$u = 13.8 \cdot (U/M_A)^{\frac{1}{2}}$ (km/sec, V, mol) (3)

where (3) shows quite clearly the great advantage of the ionic rocket motor (high speed obtainable). It is not easy to realize high ionic currents, so a high value of U is selected (1); the result is a high speed of emerging gas (3); at a given value for P a low value has to be selected for the acceleration a (1). From this it is clear that for small ionic currents, ionic rockets are

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

Ionic rockets

only suitable for high speeds, and low acceleration. 3 sources for the ion cloud are considered: 1) electric arc; 2) incandescent grid; 3) dissociation of ionic crystals. The problems in # 1) are the ionization of a dense ion cloud, and the separation of the plasma at high speed. For a rocket equivalent to a chemical rocket a density of 10^{18} particles/cm^2t is assumed. It can be further assumed that these particles are arranged in layers of a density 10^{12} particles/cm^2t. The density of charge for one polarity is then 10^{-7} Cb/cm^2t. This would require about 1000 kw per cm^2. As regards # 2), the working material is a metal (sodium, potassium, uranium etc). The questions of speed and efficiency of ionization have not yet been sufficiently investigated yet. It is suggested that crystal dissociation be used as a source for the ion cloud. Crystals like NaCl are ionized in their solid state; when heated they evaporate and dissociate (NaCl at about 2000°C). If this dissociation is done at low pressure an ion cloud is the result. Fig. 4 shows the process: Material 9, in space 1 is heated by 8; the gases flow through 2, and are dissociated in 5 (discharge); 10 supplies auxiliary steam at low pressure. The Na and Cl ions are divided by 6 and 6' into streams

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D219/D306

Ionic rockets

as, J. Brit. Int. Soc. 1958, p 588; G. Kuskevics, X. Int. Astr. Congress. London, p 409; S. Naiditch, R. M. Worlock and others: Ion Propulsion Systems. Amer. Rock. Soc. Reprints No. 928-59, 1959.

ASSOCIATION: Slovenská vysoká škola technická, Bratislava (Slovak Technical University, Bratislava)

SUBMITTED: October 18, 1960

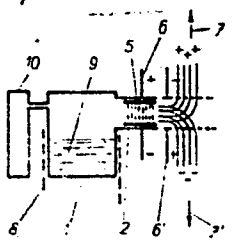

Fig. 4

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Ionic rockets

7 and 7' (separate polarities). The advantage of this sytem is the comparatively low temperature required (2000°C), and the high speed of ionization. The construction of the ion nozzles is then discussed. Internal pressure is very high, e.g. in a ball with a radius of 1 cm at a density of 10^{16} particles/cm^3, the pressure would be some 200,000,000 atm. To get down to 1 atm the density has to be reduced to 10^{12} particles/cm^3. For the equivalent rocket a value of 10^{18} particles/cm^3 is assumed. Some ion optical methods for this compensation are shown: i) a concave cathode; ii) a ball-shaped electrode with radial electric field (Langmuir); iii) a Wehnelt system with three electrodes. The currents in these optics are of the order $I = 10^{-7}U^{3/2}$ (A, V) (7) However, they are far short of the values mentioned for the equivalent rocket. The use of the opposing jet to control the internal pressure in the jet is also shown diagrammatically. The problem of recombination arises, and was discussed at the X International Astronautical Congress at Stockholm, 1960. There are 6 figures and 8 references: 2 Soviet-bloc and 6 non-Soviet-bloc. The references to the English-language publications read as follows: H. Preston - Thom-

Card 4/5

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BLAHA, A.

Transparent quartz melting in a subatmospheric discharge. Cs cas fys 12 no.5/6:536-538 '62.

1. Slovenska vysoka skola technicka, Bratislava.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Ales, prof., inz. dr.

Advances in the design and use of MacLeod vacuum gauges.
Slaboproudy obzor 24 no.8:474-478 Ag '63.

1. Slovenska vysoka skola technicka, Bratislava.

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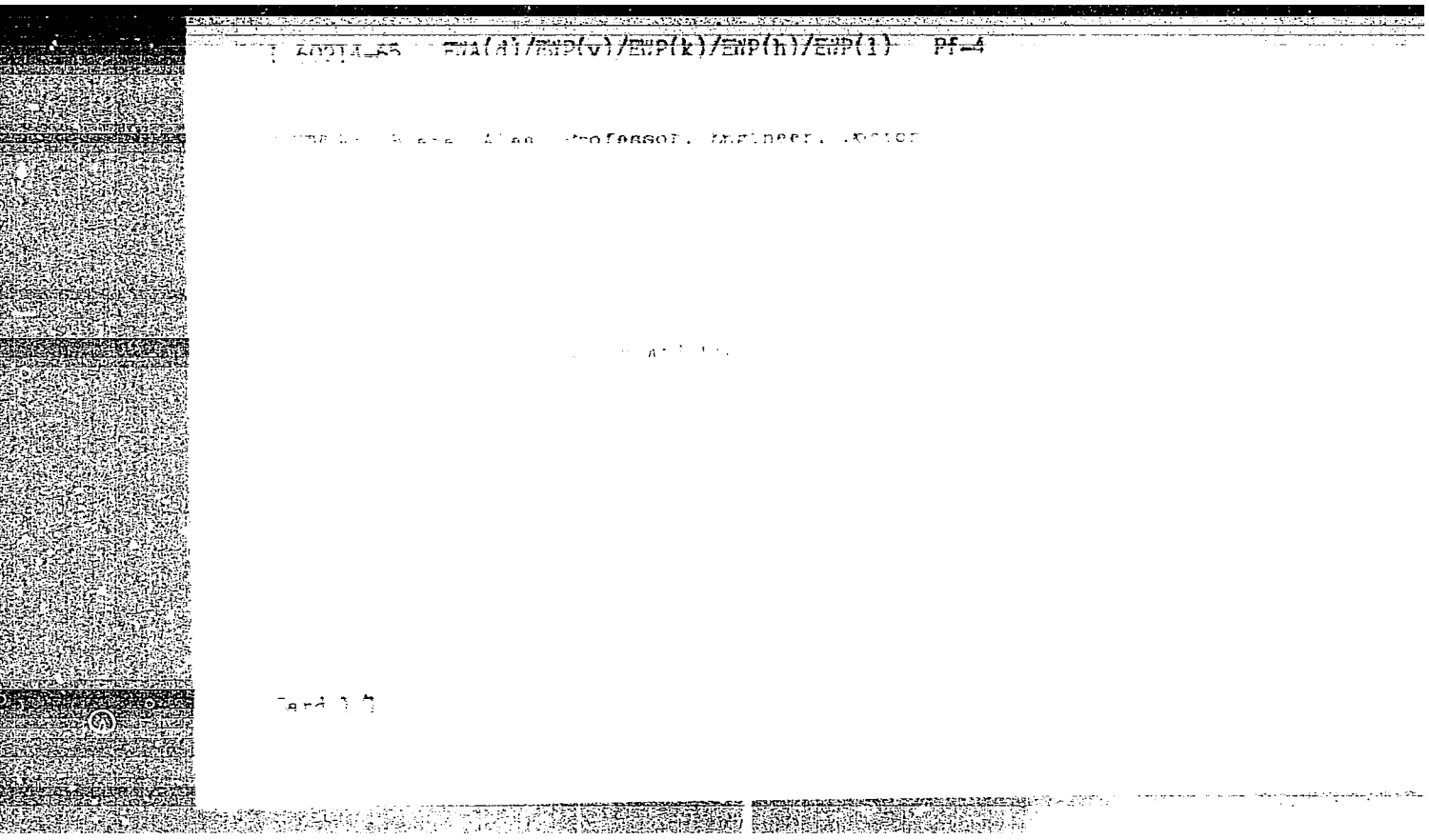

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Ales, prof. inz. dr.

On the definition of pumping rate of vacuum pumps. El tech cas 15 no.7:411-421 '64.

1. Slovak Higher School of Technology, Bratislava.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

[redacted]

BLAHA, Ales, prof. ing. dr.

Reactive effect of the flow in a diffusion pump. Slaboproudy obzor 25 no. 5:310-311 My '64.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

ACC NR: AP6027551 SOURCE CODE: PO/0053/66/000/005/0209/0222

AUTHOR: Blaha, Ales

ORG: Slovak Higher Technical School, Department of Radio Technology, Bratislava (Slowacka Wyzsza Szkola Techniczna Katedra Technologii Radiowej)

TITLE: Current development and state of vacuum technique in the Czechoslovak People's Republic

SOURCE: Przeglad elektroniki, no. 5, 1966, 209-222

TOPIC TAGS: vacuum technique, vacuum technology, vacuum sublimation, vacuum tube, vacuum physics, vacuum pump

ABSTRACT: The article describes the development of vacuum physics and technique in Czechoslovakia from 1920 up to the present, and is concerned first of all with the research trends as they have been in the scientific institutes and schools of higher learning. Before World War II research in vacuum physics and technology was concentrated at the Physics Institute of the Skoda Plants (Instytut Fizyki Zakladow Skoda), and since the war at the Higher Technical School at Brno (Wyzsza Techniczna Szkola), at the Slovak Higher Technical School, at Charles University, at institutes of the Czechoslovak as such as the Institute of Instrument Technology at Brno (Zaklad Technik Przyrzadowej) and at the Institute of Physical Chemistry at Prague (Zaklad Chemii Fizycznej). It is the work at these establishments that is surveyed and dealt with

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ACC NR: AP6027551

here. Electro-vacuum installation production, centered since the war at the Tesla or CKD plants is discussed, and also the production of basic vacuum installations concentrated since the war at the "Laboratorni pristroj" company. Orig. art. has 18 figures.

SUB CODE: 13,20/ SUBM DATE: none ORIG REF: 012/ OTH REF: 002/

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAGYY, Yu.P. (Khar'kov)

"Results of the investigation of the surface tension of liquefied gases N_2 Ar, N_2CH_4 and Ar_2Ch_4 in the temperature interval between the boiling point of pure components to the temperature at which they freeze."

Reports presented at the Fourth All-Union Conference on the Liquid State of Matter.

Kiev State Univ, 1-4 June 1959

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, B.

Determination of the volume of uncut individual trees. p. 65.
SBORNIK. RADA C: SPISY FAKULTY LESNICKE, Brno, No. 1/2, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Bela

Let us give more, better and cheaper coal to the national economy. Munka 5 no.4:34-38 Ap '55.

1. Banyaipari Dolgozok Szakszervezetenek elnoke.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Bela

Mining has become safer. Hungarian TU no.6:7-8 Je '61.

1. General Secretary of the Hungarian Mineworkers Union.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

VARGA, Gyorgy; BLAHA, Bela; FURUCZ, Janos; ZADOR, Gyorgy, fomernok

From the February 8, plenary session of the Central Council of Hungarian Trade Unions; our tasks in fulfilling this year's plan for the improvement of working and living conditions; preparation for the 20th Congress of Trade Unions. Munka 13 no.3:1-4 Mr '63.

1. Szakszervezetek Orszagos Tanacsa titkara; "Munka" szerkesszto bizottsagi tagja (for Varga). 2. Banyaszszakszervezet fotitkara (for Blaha). 3. Szakszervezetek Heves megyei Tanacsanak titkara (for Furucz). 4. Szakszervezetek Orszagos Tanacsa Muszaki-Gazdasagi Tanacsanak vezetoje; Budapesti Vegyimuvek.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Bela

The Miners Trade Union; 50 years of unity. Hung TU no.11: 2-4 N '63.

1. General Secretary of the Miners Trade Union.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, F.

"The use of self-supporting welded-concrete reinforcement without shutters for the building of curved structure." p. 311

POZEMNI STAVBY. Praha, Czechoslovakia, Vol. 7, No. 6, March, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, F.

Effect of environment in man. Zdravot. rev., Praha 27 no.7-8:131-135 Nov 1952. (CLML 24:2)

1. Prof., M. D.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BIAHA, Frantisek, Prof. MUDr.

New laws & new tasks. Pracovni lek. 9 no.1:1-6 Mar 57.

1. Lekarska fakulta hygienicka KU Praha.
(INDUSTRIAL HYGIENE, legisl.
in Czech. (Cz))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Frantisek

Problem of human longevity. Cesk. zdravot. 5 no.10:533-539 Oct 57.

1. Ustav organisace zdravotnictvi LFH KU v Praze; prednosta prof. F. Blaha.
(LIFE EXPECTANCY,
longevity (Cz))

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA Fr.

BLAHA, Fr., Prof. Dr. (Praha 12, Srobarova 48)

Concerning the pathogenesis of arteriosclerosis. Cas. lek. cesk. 97 no.3:85-89 Jan 58.

(ARTERIOSCLEROSIS, etiol. & pathogen.
pathogen. factors in German prisoner of war & concentration camps in World War II (Cz))

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Frantisek, prof., dr.

Effects of war on human health. Soc revue 7 no.5:205-221 '61.

(Public health) (War)

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CZECHOSLOVAKIA

VACEK, Bohumil, RUZICKA, Karel, and BLAHA, Frantisek [affiliation not given]

[Three Biographies]

Prague, Casopis Lekaru Ceskych, Vol CII, No 17, 26 April 63, pp 471-472.

Abstract: Short biographies of Jiri RIHA, MD, born 25 April 1883, Zoltan SYKORA, MD, PhD, born 2 March 1913 in Hrnciarske Zaluzany, Slovakia, director of the Slovak Medical Library (Slovenska lekarska knihovna) in Bratislava, and the late Josef HALASKA, MD, 17 January 1913 - 28 March 1963.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, F., prof. dr.

Effect of wars on the health of the population. Cesk. zdrav. 12 no.7/8:350-356 Ag '64.

1. Vedouci katedry zdravotnictvi lekarske fakulty hygienicke Karlovy University v Praze.

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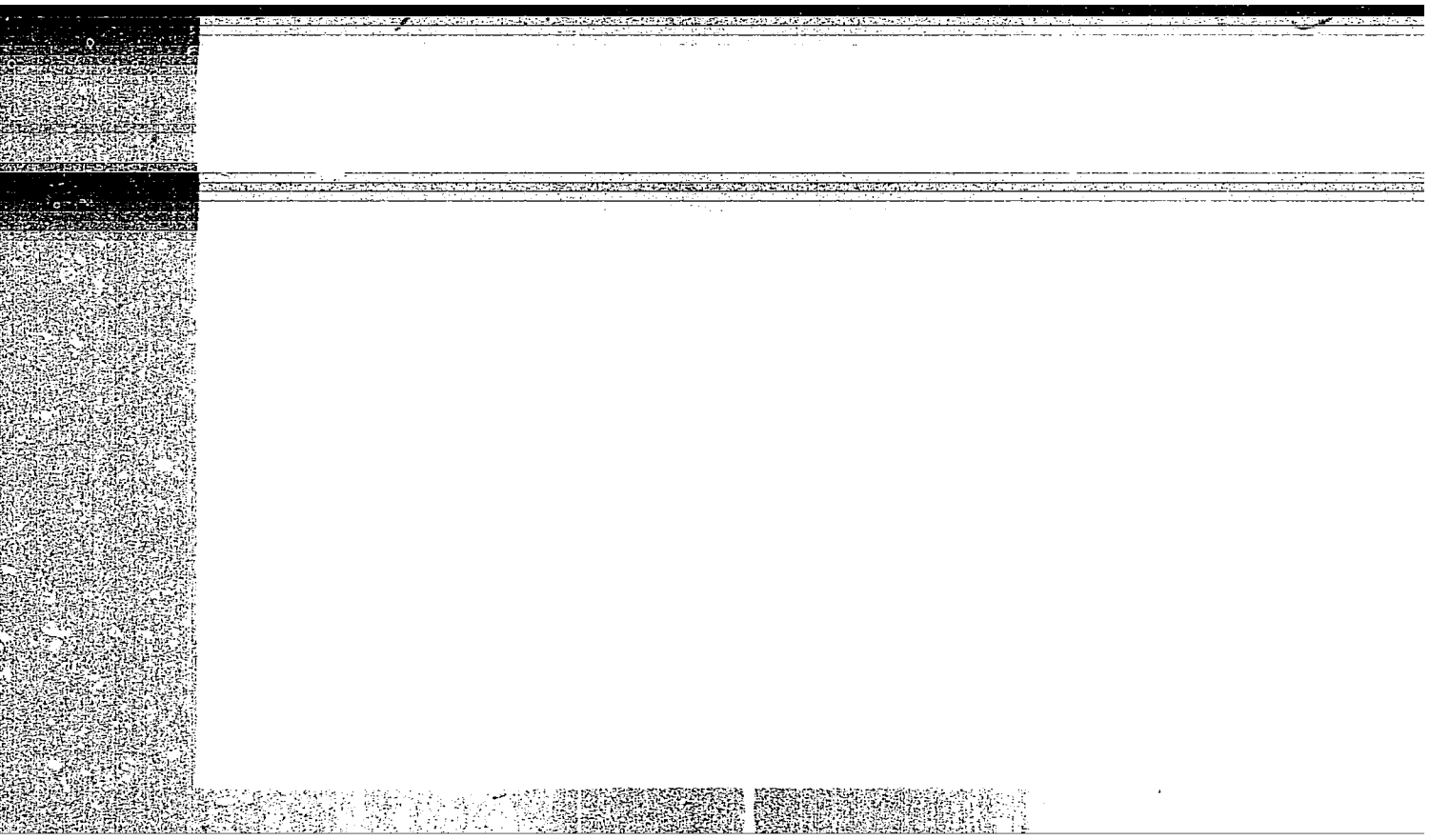

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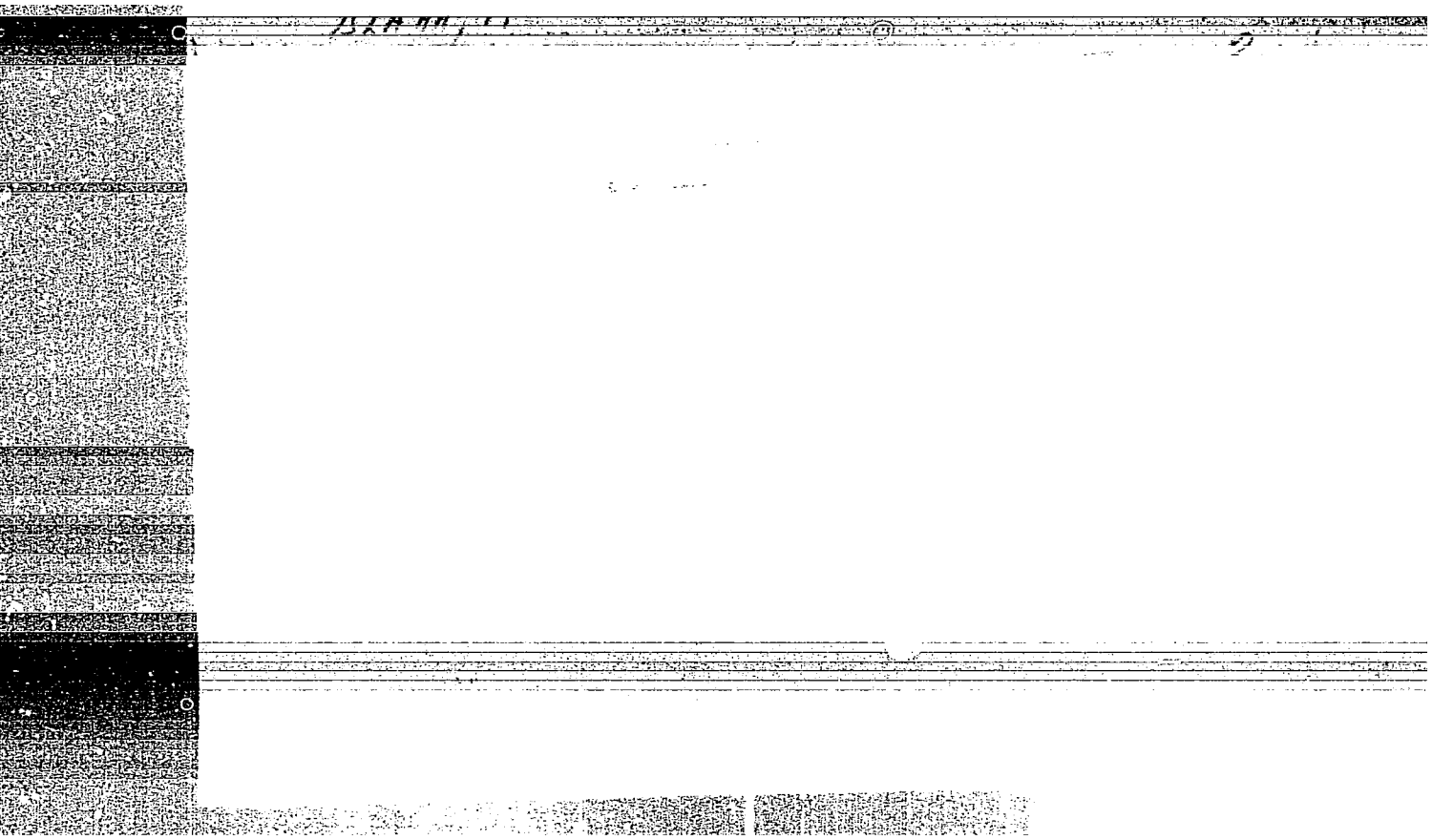

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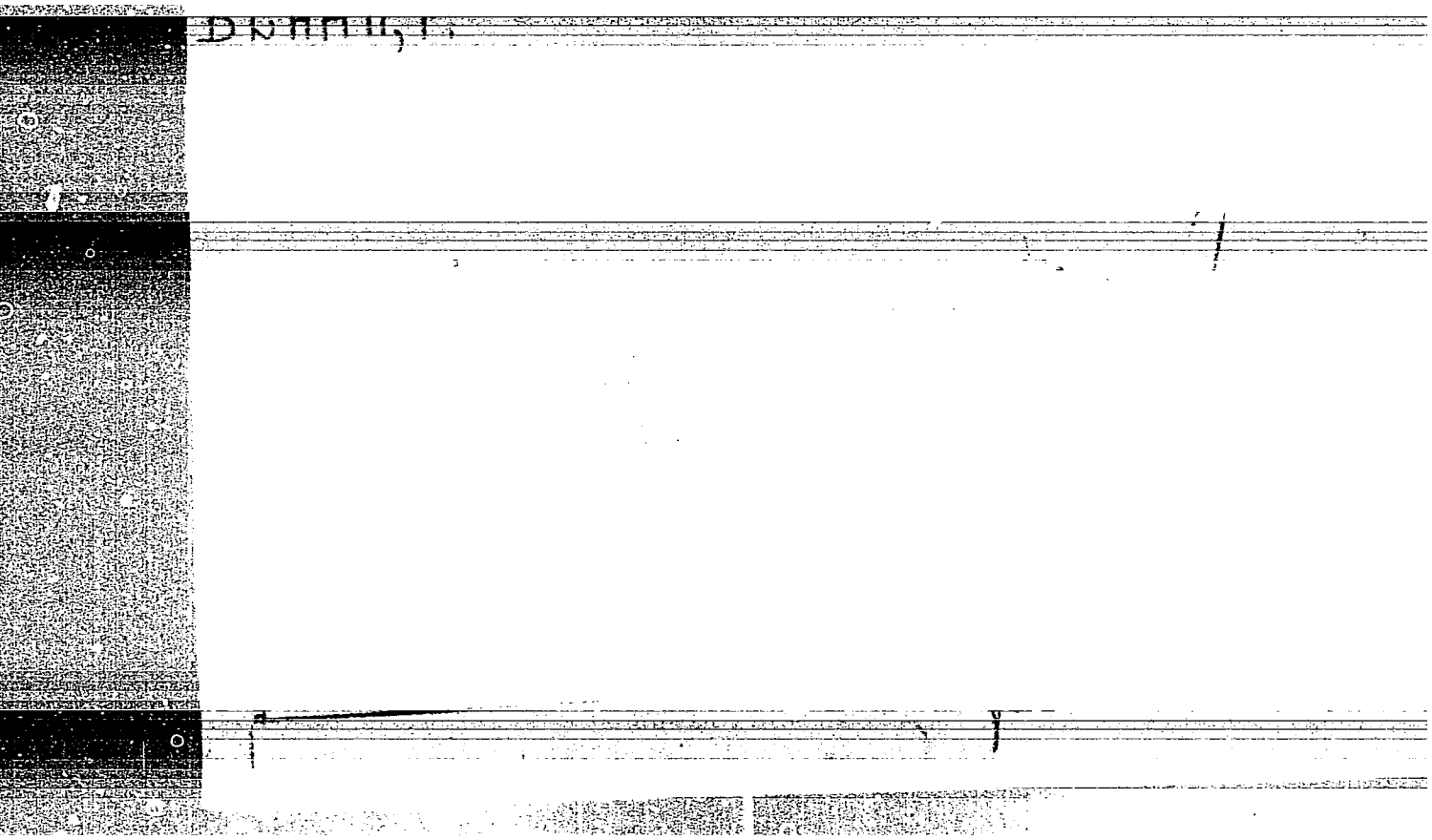

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, G., Dr.

FARKEDIN, Imre, Dr.; NOVASZEL, Ferenc, Dr.; BLAHA, Gyorgy, Dr.; KENDE, Etelka (technikai segdletevel)

Studies on neutral 17-ketosteroids. III. Neutral 17-ketosteroid fractions in active and inactive stages of ulcerous disease. Magy. belorv. arch. 11 no.1:20-23 Feb 58.

1. A Szegedi Orvostudomanyi Egyetem Belklinikajanak (igazgato: Dr. Hetenyi Geze egetemi tanar) kozlemenye.

(PEPTIC ULCER, urine in
neutral 17-ketosteroid fractions, determ. in active & inactive stages (Hun))
(17-KETOSTEROIDS, in urine
in peptic ulcer, determ. of neutral 17-ketosteroid fractions in active & inactive stages (Hun))

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HUNGARY

TAKATS, Laszlo, Dr, BOGNAR, Benedek, Dr, BLAHO, Gyorgy, Dr; City Council of Szeged, Hospital, Radiological Laboratory (Szegedi Varosi Tanacs Korhaza, Rontgenlaboratorium).

"X-Ray Table for Mammography."

Budapest, Magyar Radiologia, Vol XVIII, No 4, Jul 66, pages 247-248.

Abstract: [Authors' Hungarian summary] A simple X-ray table is described which can easily be constructed and can be used for the native visualization of the breast. The advantages of the table, in comparison to the generally used routine X-ray procedures, are obvious. A picture of the table is also presented in the article. 1 Hungarian, 1 Western references.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

[redacted]

Non-specific bacterial flora in the male urethra. Voj. zdrav. listy 20 no.4:174-176 July-Aug 1951. (CLML 21:1)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

Bláha, J.

GERM Czech

✓ 1286. A new modification of a method for determination of antidiuretic activity. V. Holeček, H. Polák, J. Bláha and M. Jirásek (*Endokrinologie*, 1954, 33 (1–3), 33–38).—A modification of the method of Jeffers *et al.* (*Brit. Abstr., A III*, 1942, 810) for the determination of antidiuretic activity is described. The test solution is administered intravenously, by means of a cannula, into rats rendered diuretic by administration by stomach tube of alcohol and water. The new method is very sensitive and 100 per cent. response is obtained with doses as small as 16 micro units of adiuretin A single rat can be used for 10 to 14 titrations compared with 4, at the most, using Jeffers' method.

J. N. Ashley

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application, Part 2. - Ceramics, Glass, Binders, Concretes. - Binders, Concretes and Other Silicate Building Materials. H-12d

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22231

Author : J. Blaha
Inst :
Title : Rapid Method of Determination of SO_3 in Cement.

Orig Pub : Stavivo, 1957, 35, No 9, 373-374

Abstract : The cationite method of gypsum determination in cement is proposed and presented.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Jindrich

An apparatus for determining the size of pores. Silikaty 6 no.2:197-202 '62.

1. Vysoka skola chemicko-technologicka, Praha.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Jindrich; SATAVA, Vladimir

Study of the hardening process of suspensions of lime and silica gel at 175°C. Pts. 1-2. Silikaty 8 no.4:293-312 O '64.

1. Joint Laboratory of Silicate Chemistry, Czechoslovak Academy of Sciences and Higher School of Chemical Technology, Prague.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Josef (Brno)

Determining the hybrid juices in wine. Kvasny prum 8 no.12: 281-282 D '62.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

"Calculating hydraulic parameters of blades of propeller pumps." p. 177.

STROJIRENSTVI. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju). Praha, Czechoslovakia, Vol. 9, No. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

"Cylindrical shut orr valve." p. 250.

STROJIRENSTVI. (Ministerstvo teskeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju). Praha, Czechoslovakia, Vol. 9, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No..8, August 1959.
Uncla.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

Diagonal reciprocating pumps. p. 11

STROJIRENSTVI (ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju)
Praha, Czechoslovakia
Vol. 9, no. 1, Jan. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7.
July 1959
Uncl.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

Z/032/60/010/05/010/036
E073/E535

AUTHOR: Bláha, J., Engineer

TITLE: Centrifugal Pump in the Hydraulic System of a Press

PERIODICAL: Strojírenství, 1960, Vol 10, Nr 5, pp 349-351

ABSTRACT: The author deals with the operating characteristics and specific features of centrifugal pumps used for large hydraulic presses. A formula is derived for calculating the temperature rise of the circulating liquid. Switching equipment fitted into the hydraulic system with an accumulator is briefly described. It is concluded that centrifugal pumps can be used advantageously mainly in combination with piston pumps; the piston pumps supplying the higher and the centrifugal pumps supplying the lower pressures. During no-load running the full output of the piston pump is fed into the sump piping where there is no pressure. The centrifugal pump must be fitted with a throttling section in the piping leading to the sump so that only the minimum quantity of fluid flows through, which is required for preventing inadmissible temperature rise of the water in the pump. For that

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Centrifugal Pump in the Hydraulic System of a Press

reason it is not advisable to use a simple device for switching off both types of pumps. On the pressure side the piston pump must be fitted with a safety valve but this is not necessary for the centrifugal pump. Water is the main working medium for centrifugal pumps primarily in hydraulic units which operate in hot production shops. For fluids of higher viscosity, which are used in cold pressing, only volume pumps, particularly high speed ones (for instance spindle pumps), preferably without an accumulator vessel, will economically replace centrifugal pumps.
There are 3 figures and 2 Czech references.

ASSOCIATION: ČVUT, Prague

Card 2/2

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

OTAHAL, Vlastimil; BLAHA, Jan

Mixtures for machine production of cores. Slevarenstvi 9 no.11: 406-408 N '61.

1. Tovarny na obrabeci stroje, Kurim.

(Founding)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Jan, inz.

A recording microwave spectrograph for registration of absorption coefficient and gas refraction indexes. Slaboproudy obzor 22 no.12: 762-763 D '61.

(Spectrograph)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J., inz., CSc.

Design of running vanes of propeller pumps. Strojirenstvi 13 no.9:654-660 S '63.

1. Ceske vysoke uceni technicke, Praha.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J., inz., CSc.

Optimum specific revolutions of propeller pumps. Strojirenstvi 13 no.10:723-728 O '63.

1. Ceske vysoke uceni technicke, Praha.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

HÄNSGUT, R., inz.; SPUNDA, J., inz.; BLAHA, J., inz. CSc.

Calculating the suction capacity of propeller pumps from the impeller dimensions. Strojirenstvi 14 no.7:483-490 Jl '64.

1. Sigma, Olomouc (for Hansgut and Spunda). 2. Czech Higher School of Technology, Prague (for Blaha).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

Sjögren's syndrome (Gougerot-Hower Sjögren's syndrome, sicca syndrome, epitheloxerosis). Cas. lek. cesk. 104 no.2:14-18 15 Ja '65

1. I. interni klinika fakulty detskeho lekarstvi Karlovy University v Praze (prednosta prof. dr. V.Jedlicka, DrSc.).

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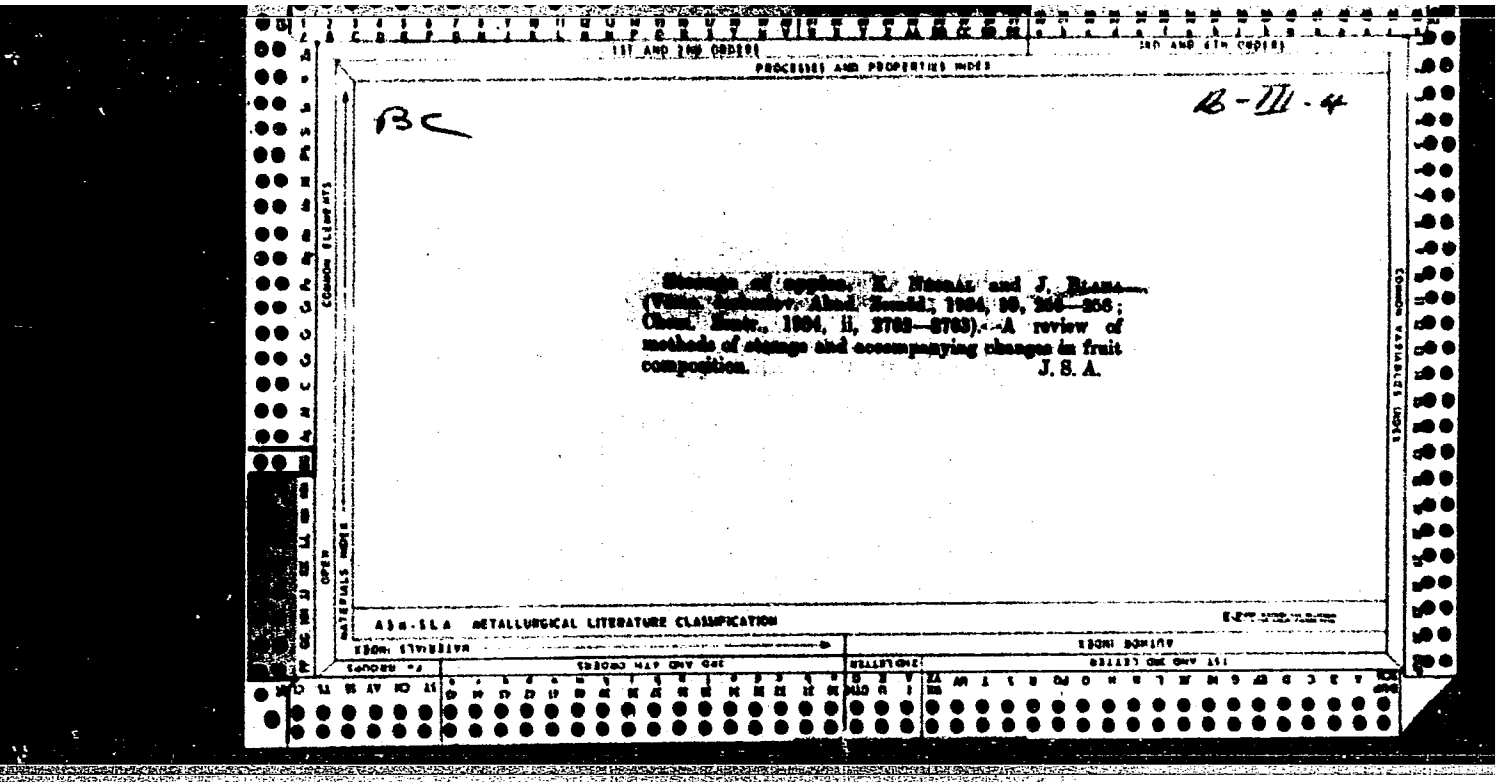

BC

B-III-4

Storage of apples. L. Nanni and J. Riana. (Ann. Sperimentaz. Agrar. Roma, 1954, 10, 265—288; Chem. Abstr., 1954, ii, 2782—2783).—A review of methods of storage and accompanying changes in fruit composition.
J. S. A.

A55-55A METALLURGICAL LITERATURE CLASSIFICATION

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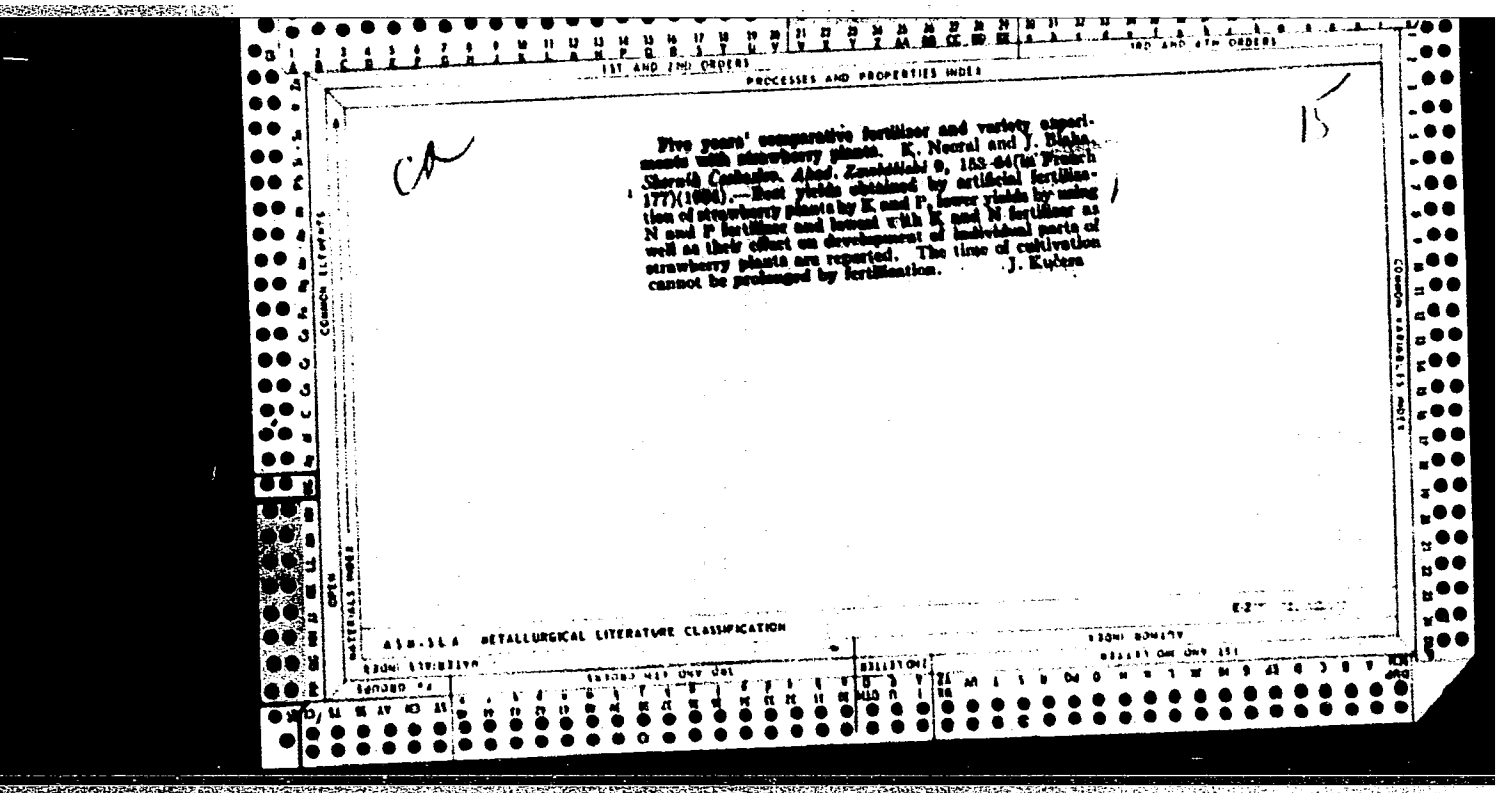
PROCESSES AND PROPERTIES INDEX

Five years' comparative fertilizer and variety experiments with strawberry plants. K. Neural and J. Blaha. Sborník Českého. Akad. Zemědělské 9, 183-94(in French 177)(1934).—Best yields obtained by artificial fertilization of strawberry plants by K and P, lower yields by using N and P fertilizer and lowest with N and K fertilizer as well as their effect on development of individual parts of strawberry plants are reported. The time of cultivation cannot be prolonged by fertilization. J. Kybasa

15

A13-31A METALLURGICAL LITERATURE CLASSIFICATION

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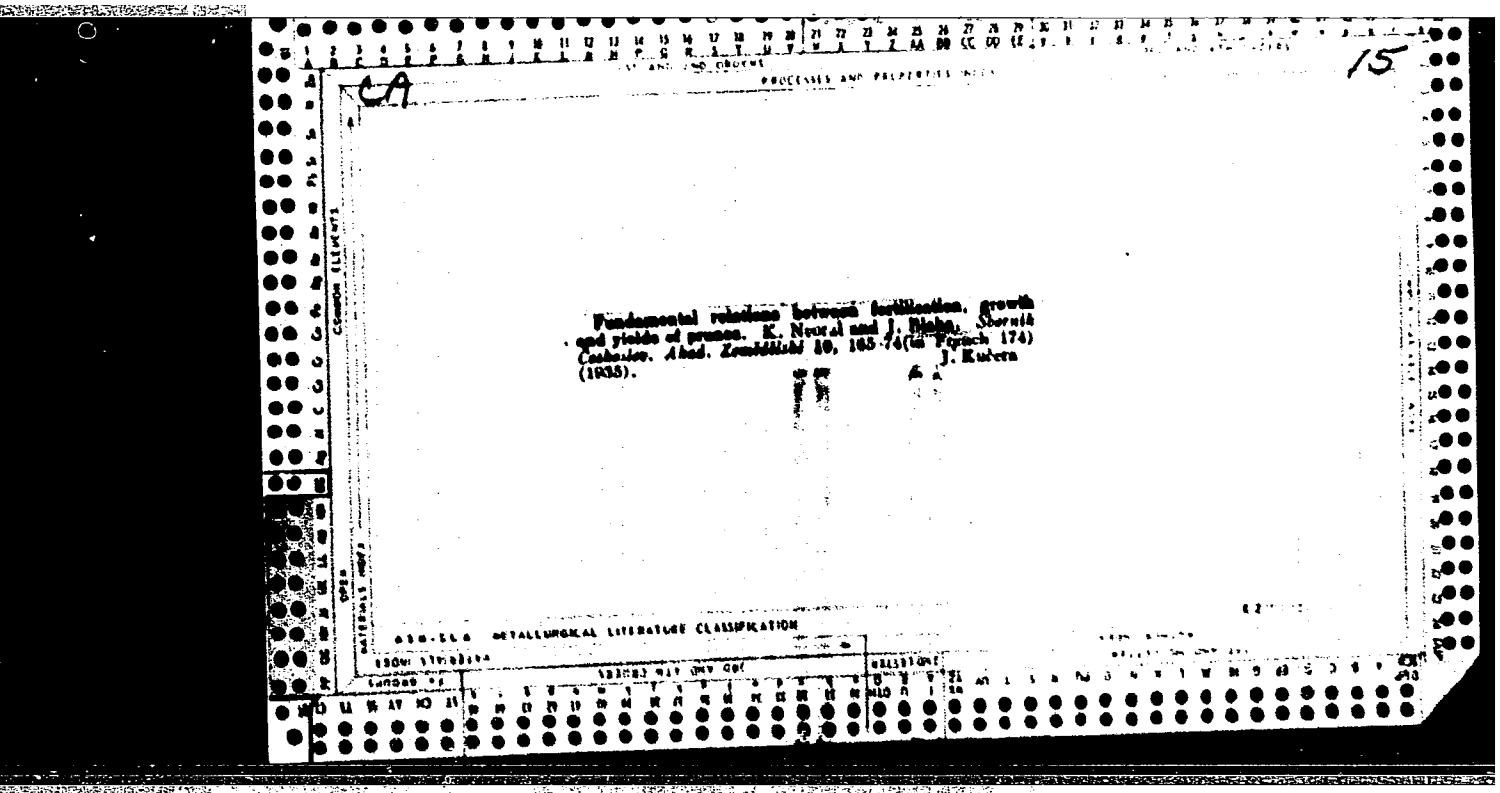

Fundamental relations between fertilization, growth and yields of grasses. K. Neural and J. Richa. Sborník Československé Akad. Zemědělské 10, 165-74(in French 174) (1935). J. Kulera

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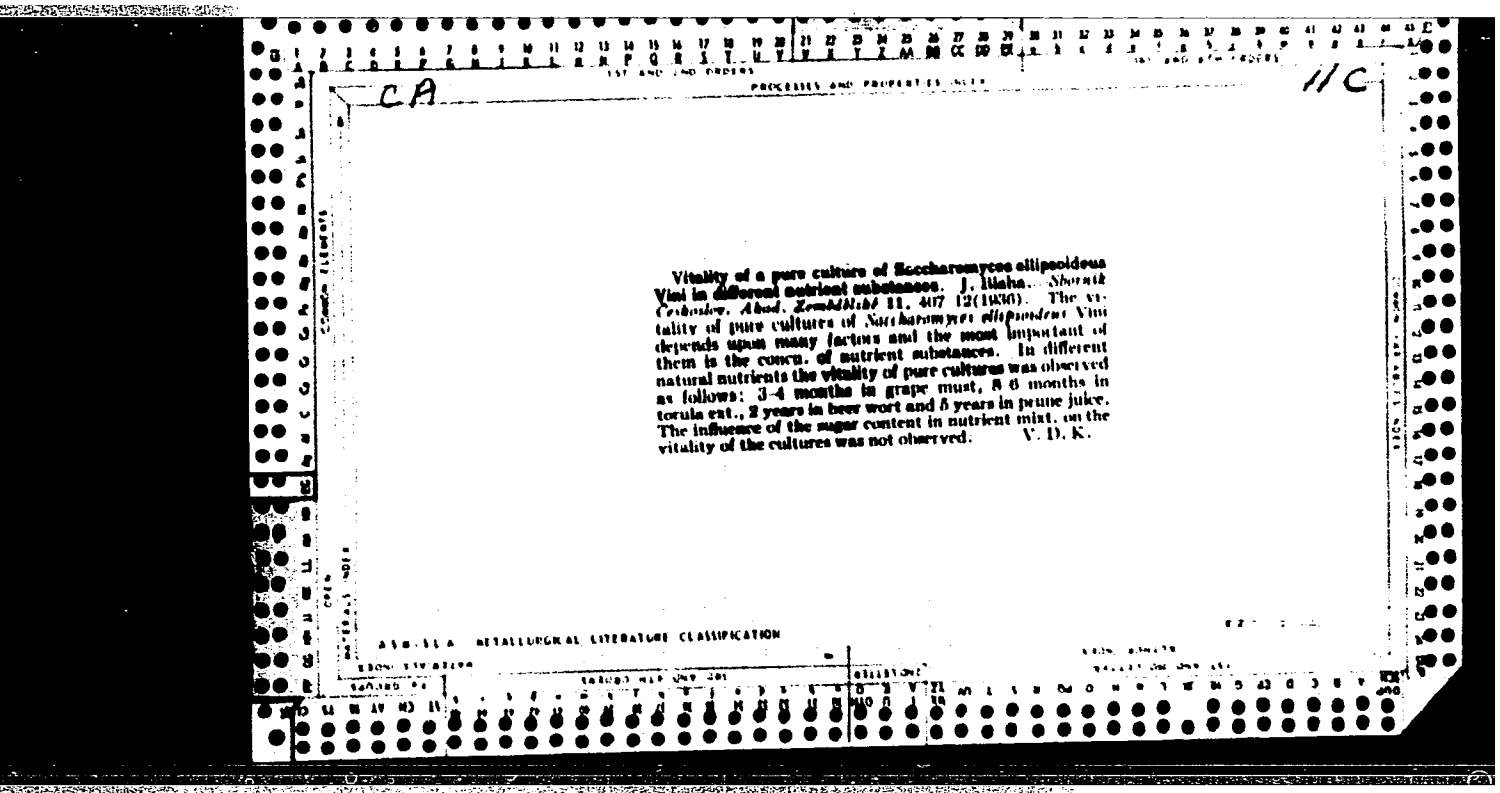

CA

11C

Vitality of a pure culture of Saccharomyces ellipsoideus Vini in different nutrient substances. J. Iliaha. *Sborník Československ. Akad. Zemědělské* 11, 407–12(1936). The vitality of pure cultures of *Saccharomyces ellipsoideus* Vini depends upon many factors and the most important of them is the concn. of nutrient substances. In different natural nutrients the vitality of pure cultures was observed as follows: 3–4 months in grape must, 5–6 months in torula ext., 2 years in beer wort and 5 years in prune juice. The influence of the sugar content in nutrient mixt. on the vitality of the cultures was not observed. V. D. K.

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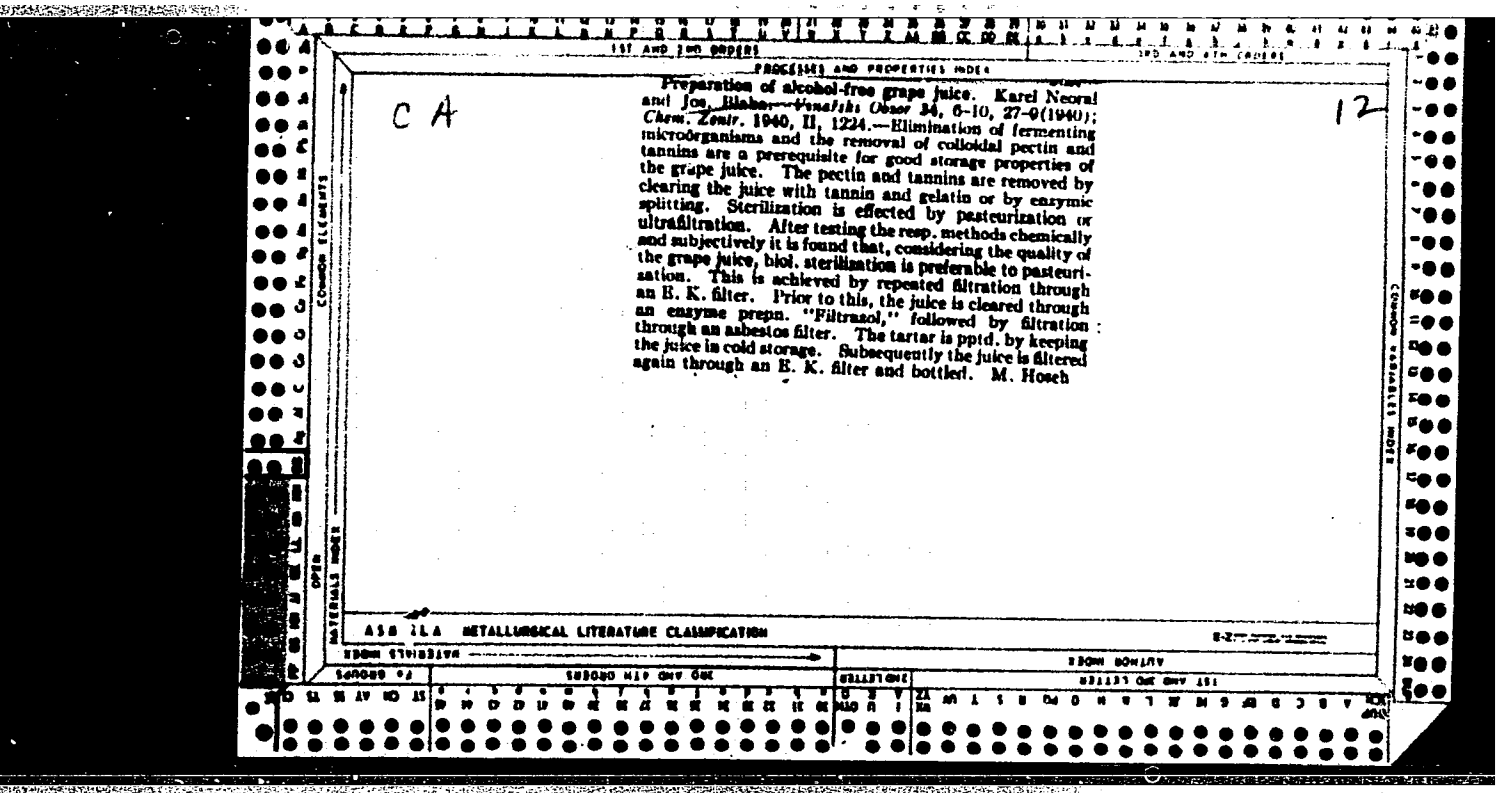

C A

12

Preparation of alcohol-free grape juice. Karel Neoral and Jos. Blaha.—*Vinařství Obzor* 34, 6-10, 27-9(1940); *Chem. Zentr.* 1940, II, 1224.—Elimination of fermenting microorganisms and the removal of colloidal pectin and tannins are a prerequisite for good storage properties of the grape juice. The pectin and tannins are removed by clearing the juice with tannin and gelatin or by enzymic splitting. Sterilization is effected by pasteurization or ultrafiltration. After testing the resp. methods chemically and subjectively it is found that, considering the quality of the grape juice, biol. sterilization is preferable to pasteurisation. This is achieved by repeated filtration through an E. K. filter. Prior to this, the juice is cleared through an enzyme prepn. "Filtrazol," followed by filtration through an asbestos filter. The tartar is pptd. by keeping the juice in cold storage. Subsequently the juice is filtered again through an E. K. filter and bottled. M. Hosch

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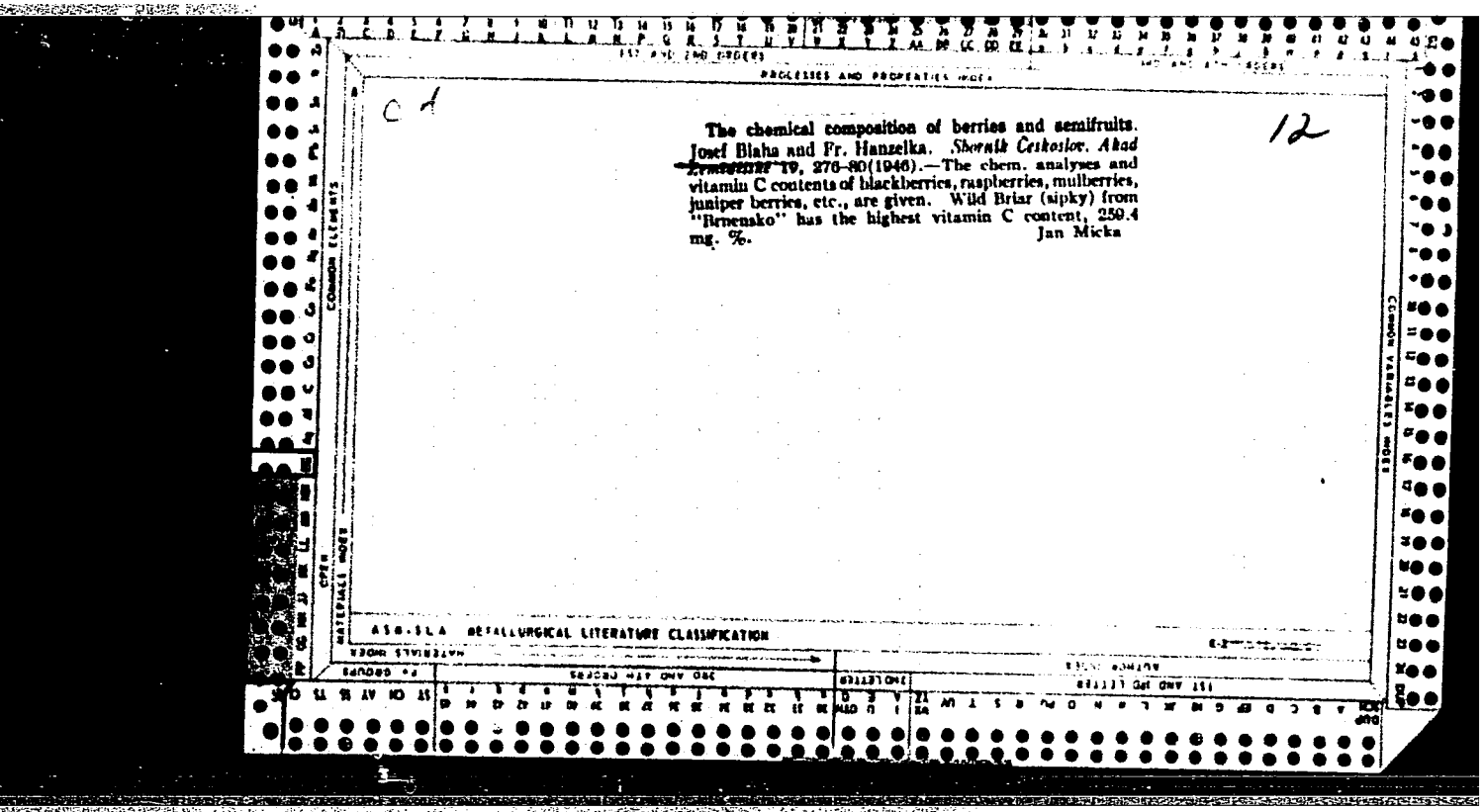

C 4

12

The chemical composition of berries and semifruits. Josef Blaha and Fr. Hanzelka. *Sborník Ceskoslov. Akad Zemedelske* 19, 276–80(1946).—The chem. analyses and vitamin C contents of blackberries, raspberries, mulberries, juniper berries, etc., are given. Wild Briar (sipky) from "Brnenako" has the highest vitamin C content, 250.4 mg. %.

Jan Micka

A 56.5 LA METALLURGICAL LITERATURE CLASSIFICATION

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CA

The sugar content in grapes during ripening. Josef Hlaha (Agr. Univ., Brno, Czech.). *Sborník Československ. Akad. Zemědělské* **25**, 224–32(1950).—During ripening there are variations in sugar content (detd. refractometrically), acidity, and other components in the cluster and in the individual grapes of the cluster in same and in different varieties. Muscatel Ottonel shows variations from 8.0 to 17.0%, Kolut from 9.0 to 22.2%, Chrupka bílá from 20.0 to 25.1%, Frankovka from 22.0 to 29.0%, Rýzlink vlašský from 18.0 to 24.5% and from 13.0 to 22.8% if fully ripe of the same variety. The sugar content is the same in small and large size individual grapes and through the whole cluster, regardless if inside or outside the cluster or if exposed to sun and deeply colored by sun. The grapes in the cluster ripen evenly and not from tip up. The grapes attacked by *Penicillium glaucum* and especially by *Botrytis* show 5 to 6% increase in sugar and if over-ripe and dried the sugar increases up to 64%. Jan Micka

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

"Uval analysis, an indicator of practical utilization of varieties of grapevines.", p. 268, (SBORNIK, Vol. 24, #3/4, Oct. 1951, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, August 1953, Uncl.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

"Slovak Vineyard Yields and Methods of Raising Them." p. 974 (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3, No. 9, Sept. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

"Effect of characteristics of the site on the growth and fertility of grapevines." (p. 400). ZA SOCIALISTICKE ZEMEDELSTVI (Ministerstvo zemedelskychved) Praha, Vol 4, No 8, Apr 1954

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

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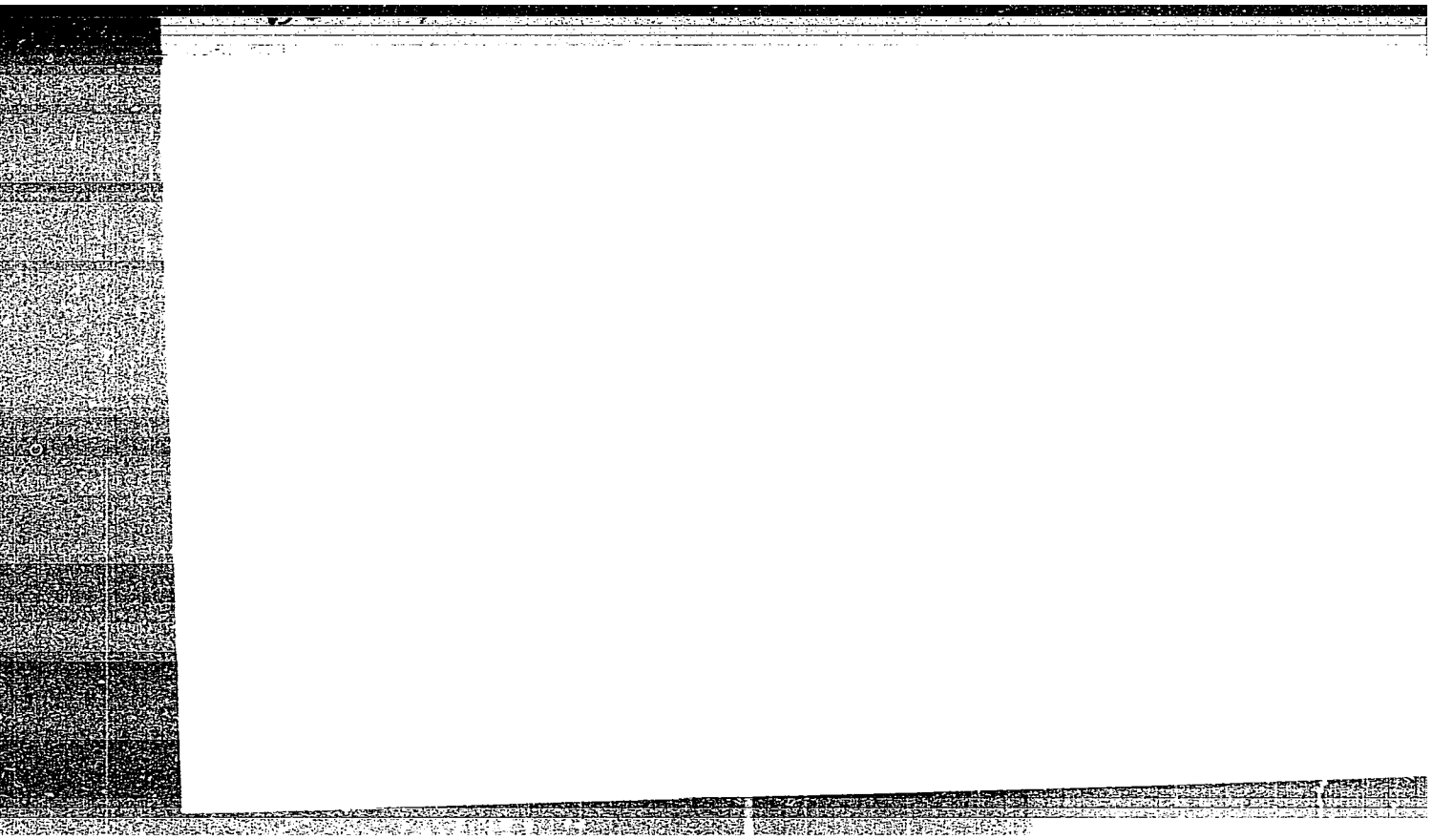

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

Blaha, J. Electric cultivation winch. p. 70. MECHANISACE ZEMEDELSTVI. Praha. Vol. 5, no. 4, Feb. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

БЛАНА, Й.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Fermentation Industry. I-12

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2884

Author : Blaha, J.
Inst :
Title : Verification of the Natural Origin of Grape Wine

Orig Pub : Kvasny prumysl, 1955, No 11, 251-253

Abstract : For a number of varieties of grape wine data are provided concerning their content, in per cent, of alcohol and combined acids, and also their Blarez values. A reliable basis for differentiating between a natural wine and a wine that has been diluted or blended, is provided only by an exact chemical analysis of the wine, taking into account its origin.

Card 1/1

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

Under the tropic sum. 17. (To be contd.)

p. 404
No. 17, Aug. 1955
KRIDLA VLASTI
Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956, Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

Under the tropic sum. 18.

p. 428
No. 18, Sept. 1955
KRIDLA VLASTI
Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956, Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

Blaha, J.

New aspects of the effect of Botrytis cinerea in wine production. p. 38. KVASNY PRUMYSL. (Ministerstvo potravinarskeho prumyslu) Praha. Vol. 2, no. 2, Feb. 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Jos.

Czechoslovakia / Chemical Technology. Chemical Products I-32
and Their Application

Food industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 33000

Author : Blaha Jos.

Title : Technological Selection of Peach and Apricot Varieties for Canning

Orig Pub: Prumysl potravin, 1956, 7, No 9, 413-416

Abstract: On the basis of technological testing of the different varieties a determination has been made of the peach and apricot varieties best suited for freezing and canning. It is pointed out that in order to have a high grade product it is necessary to harvest the fruit at a stage of maturity best adapted for technical processing.

Card 1/1

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, Josef

Nauka o stanovisti revy vinne. (Study of Locations for Growing Grapevine; a university textbook. 1st ed. bibl.) Prague, SPN, 1957. 213 p. For the students of the Faculty of Agriculture.

Bibliograficky katalog, CSR, Ceske knihy, No. 36. 15 Oct 57. p. 784.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, JOSEF

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application, Part 3. - Fermentation Industry. H-26

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23007

Author : Josef Blaha
Inst : -
Title : Wine Turbidity Caused by Yeast.

Orig Pub : Kvasny prumysl, 1957, 3, No 6, 137-138, 2nd and 3 rd cover pages.

Abstract : The conventional methods of biological wine stabilization (sterile filtration, treatment with heat, etc.) are described.

Card 1/1

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

TECHNOLOGY

periodicals: KVASNY PRUMYSL Vol. 5, no.1, Jan. 1959

BLAHA, J. Maturity of Rhine Riesling wine. p. 15

Monthly List of East European Accession (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

BLAHA, J.

Removing the white turbidity of wine by means of inositol hexaphosphate. p. 192.

KRIDLA VLASTI. (Svaz pro spolupraci s armadou)
Praha, Czechoslovakia
Vol. 5, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11.
Nov. 1959
Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420018-9

KALASEK, Jiri, inz.; BLAHA, Josef, doc., dr.

Chemical composition and quality of the common plum. Prum potravin 14 no.9:475-476 S'63.

1. Ustredni kontrolni a zkusebni ustav zemedelsky, Praha, pobocka Brno.

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